

## Product datasheet for **RC214602A1V**

### Human Kv beta 2 (KCNAB2) (NM\_172130) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Kv beta 2 (KCNAB2) (NM_172130) AAV Particle
Tag:	Myc-DDK
Symbol:	Kv beta 2
Synonyms:	AKR6A5; HKvbeta2; HKvbeta2.1; HKvbeta2.2; KCNA2B; KV-BETA-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214602 representing NM_172130 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTATCCAGAATCAACGACGGGCTCCCCGGCTCGGCTCTCGCTGCGGCAGACGGGCTCCCCGGGATGA  
TCTACAGGAACCTGGCAAGTCTGGCCTGCGGGTCTCTGCCTGGGACTTGAACATGGGTGACCTTCGG  
AGGCCAGATCACCGATGAGATGGCAGAGCAGCTCATGACCTTGGCCTATGATAATGGCATCAACCTCTTC  
GATACAGCAGAAGTCTACGCAGCCGGCAAGGCTGAAGTGGTACTGGGAAACATCATTAAAGAAAGGAT  
GGAGCGGTCCAGCCTCGTCATCACCAAGATCTTCTGGGGCGAAAGCGGAGACGGAGCGGGCCT  
GTCCAGGAAGCACATAATCGAAGTCTGAAAGCTTCCCTGGAGCGACTGCAGCTGGAGTACGTGGATGTG  
GTGTTTGCCAACCGCCGGACCCCAACACCCCGATGGAAGAGACCGTCCGCGCCATGACCCACGTCATCA  
ACCAGGGGATGGCCATGTACTGGGGCACGTACGCTGGAGCTCCATGGAGATCATGGAGGCTACTCCGT  
GGCCCGGCAGTTCAACCTGACCCCGCCATCTGCGAGCAGGCTGAGTACCACATGTTCCAGCGTGAGAAA  
GTGGAGGTGCAGCTGCCGGAGCTGTTCCACAAGATAGGAGTGGGCGCCATGACCTGGTCCCCTCTGGCCT  
GTGGCATTGTTTCTGGCAAGTACGACAGTGGCATCCCACCTACTCAAGAGCCTCCTGAAGGGCTACCA  
GTGGCTGAAGGACAAGATCCTCAGTGAGGAGGGCCGGCCAGCAAGCCAAGCTGAAGGAGCTGCAGGCC  
ATCGCCGAGCGCCTGGGCTGCACCCTGCCAGCTGGCCATAGCCTGGTGCCTGAGGAATGAGGGAGTCA  
GCTCCGTGCTCCTGGGGCCTCCAATGCGGACCAGCTCATGGAGAACATTGGGGCAATACAGGTCTTCC  
GAAACTGTCTATCTCCATTATCCACGAGATTGATAGTATTTTGGCAATAAACCTACAGCAAAAAGGAC  
TACAGATCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC214602 representing NM_172130  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MYPESTTGSPARLSLRQTGSPGMIYRNLGKSGLRVSLGLGTWVTFGGQITDEMAEQLMTLAYDNGINLF            DTAEVYAAGKAEVVLGNIKKKGWRRSSLVITTKIFWGGKAETERGLSRKHIIEGLKASLERLQLEYVDV            VFANRPDPNTPMEETVRAMTHVINQGMAMYWGTSRWSSMEIMEAYSVARQFNLTPPICEQAEYHMFQREK            VEVQLPELFHKIGVGAMTWSPLACGIVSGKYDSGIPPYSRASLKGQWLKDKILSEEGRQQAQAKLQELQA            IAERLGTLPQLAIAWCLRNEGVSLLGASNADQLMENIGAIQVLPKLSSSIHEIDSILGNKPYSKKD            YRS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_172130
<b>ORF Size:</b>	1059 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<a href="#">NM_172130.1</a>
<b>RefSeq Size:</b>	3129 bp
<b>RefSeq ORF:</b>	1062 bp
<b>Locus ID:</b>	8514
<b>UniProt ID:</b>	<a href="#">Q13303</a>
<b>Cytogenetics:</b>	1p36.31
<b>MW:</b>	39.1 kDa